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High-level execution and communication support for **parallel** grid applications in JGrid

kuas.edu.tw [PDF]

S Pota, Z Juhasz - **Parallel** and Distributed Processing ..., 2006 - ieeexplore.ieee.org
... represent the synchronous and asynchronous remote evaluation, with the allocate() method one
can create message passing **parallel** applications, while ... than the URL classloader of the service
downloads all the necessary class files from the **client** class **server** (2) making ...
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Ninflet: a migratable **parallel** objects framework using Java

H Takagi, S Matsuoka, H Nakada, S ... - Concurrency: ..., 1998 - interscience.wiley.com
... environment, but also could be used for implementing a virtual **parallel** computer on a ... can connect
to the Dispatcher via a Web browser, displaying various **server** statuses as ... amongst multiple
Dispatchers, avoiding the possible bottlenecks when the **client** requests concentrates ...
Cited by 54 - Related articles - BL Direct - All 4 versions

[PDF] An Assessment of the Apache Web **Server** 2.0 Performance on Linux

hanafos.com [PDF]

K Chong, MYSH Noh - ... of the 2002 International Symposium on ..., 2002 - myfile.hanafos.com
... However, the results from the previous subsection do not support evidence of scalability for
the MPM-**worker**. Table 4 shows the total number of children (that is, processes and/or **threads**)
spawned for each of the **server** types when the **client** size is 150. ...
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[PDF] A Java **Parallel** Computing Framework for Heterogeneous Networks

psu.edu [PDF]

G Mukarakate - 2002 - Citeseer
... [CM01] describe Computation eXchange (CX), a scalable and robust network for **parallel** comput-
ing. ... Basically, CX consists of the following entities: • Consumer - a **client** that needs computing
resources; ... Task **Server** - a process that coordinates task distribution among a set of ...
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A framework of reusable structures for mobile agent development

arxiv.org [PDF]

T Marian, B Dumitriu, M Dinsoreanu, I ... - Arxiv preprint cs/0605032, 2006 - arxiv.org
... is the one that brings the **client** behavior to its end, thus terminating the current communication
session with the **server** (the **thread** ... As a response to this, three such types of behaviors have been
introduced: sequential, **parallel** and Finite State Machine (FSM), and more can ...
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Evaluating the scalability of java event-driven web servers

V Beltran, D Carrera, J Torres, E Ayguade - 2004 - computer.org
... Proceedings of the 2004 International Conference on **Parallel** Processing (ICPP'04)
0190-3918/04 $20.00 © 2004 IEEE Page 5. ... A connection reset error takes place when a **server**
socket timeout expires, and it is seen from the **client** side of the connection as an ...

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Combining events and **threads** for scalable network services implementation and evaluation of monadic, application-level concurrency primitives

P Li, S Zdancewic - ACM SIGPLAN Notices, 2007 - portal.acm.org
... with monadic **threads** In the do-syntax, the programmer can write code for each **client** session
in ... the accepted connection is returned, otherwise it waits for an EPOLL READ event on the **server**
socket, indicating ... The **worker main** event loops are simply **thread** schedulers: they ...

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Transmission of higher-order objects across a network of heterogeneous machines

H Cejtin, S Jagannathan, RA Kelsey - US Patent 5,745,703, 1998 - Google Patents
... map (lambda (aspace) (remote-apply aspace make-proxy ()))) **worker**-aspaces)) (values ... for **threads**,
incrementally- linked distributed computations, and parameterized **client**- **server** applications,
facilitate ... These issues concern the interaction of **parallel** and distributed tasks with ...

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[PDF] A language-based approach to unifying events and **threads**

P Li, S Zdancewic - 2006 - Citeseer
... **server** = do { sys_call_1; fork **client**; **server**; } **client** = do { sys_call_2 ... the accepted connection
is returned, otherwise it waits for an EPOLL READ event on the **server** socket, in ... round-robin
scheduler; it uses a task queue called ready queue and an event loop called **worker main**. ...

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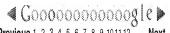### [PDF] **Client-Server** Design Alternatives: Back to Pipes but with **Threads**

B Roussev0, J Wu∞ - cis.temple.edu
... where the **server** spawns a new **thread** to handle the **client** connection. ... Theoretically, this **server**
design should give good performance when the load factor ´ approaches 1. ... 3. GC Fox and W.
Furmanski, "Java for **parallel** computing and as a general language for scientific and ...

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